

ABSTRACT OF THE DISCLOSURE

[0097] The invention relates to κ M conopeptides and their use as organ protecting agents, i.e., organ protectants. These conotoxins can be used for arresting, protecting or preserving an organ, such as a circulatory organ, a respiratory organ, a urinary organ, a digestive organ, a reproductive organ, an endocrine organ or a neurological organ. These conotoxins can also be used for arresting, protecting or preserving somatic cells.